

PROPOSED CLAIM AMENDMENTS

1. (Currently Amended) In a multi-modular device capable of interchangeably receiving one or more modules having an event log indicative of operational events and an associated time stamp thereof, a method of providing an integrated log for a selected configuration comprising:

generating a configuration log for said modular device that includes entries indicating ~~at least one of an identity, arrangement, of a module and time at least one of~~ introduction or removal of a modules relative to the device;

merging the event and configuration logs to create an integrated log;

delineating entries in the integrated log according to a selected configuration; and presenting said delineated entries to uniquely identify ~~data-the~~ entries corresponding to the selected configuration.

2. (Currently Amended) The method according to claim 1, wherein presenting the ~~data-delineated~~ entries ~~includes further comprises~~ providing the delineated entries ~~in in~~ a readable format utilizing a log viewing application.

3. (Currently Amended) The method according to claim 1, wherein ~~the presenting step includes further comprises~~ demarcating selected delineated entries in the integrated log according to ~~a-the~~ selected configuration.

4. (Currently Amended) The method according to claim 1, further ~~including~~ comprising transmitting the integrated log to a remote server to assist in remote diagnostics.

5. (Currently Amended) In an electrophotographic imaging system that includes a swappable ~~modules~~ module, a method of providing an integrated event log comprising:

providing and maintaining a configuration log indicative of respective configuration changes in the imaging system;

providing respective error logs and a log of at least one of introduction or removal of the swappable modules-module that record operational events and a time of occurrence of said operational events; and

~~based on contents of the configuration log and error logs,~~ generating said integrated log in a way that demarcates operational events according to a selected configuration based on contents of the configuration log and error logs.

6. (Original) The method as recited in claim 5, further comprising providing remote display of said integrated log.

7. (Currently Amended) The method as recited in claim 5, further comprising storing a representation of said configuration and error logs in a server remote from the imaging system and accessing ~~said server~~ a server to provide said integrated log.

8. (Currently Amended) In a modular device having an interchangeable ~~modules the include module that includes~~ associated event logs indicative of operational events relative to the ~~modules module~~, a method of providing an integrated log of events according to a selected configuration comprising:

providing a configuration log indicative of changing configurations of the modular device;

merging the event and configuration logs to produce a combined log;

segmenting entries in the combined log according to configuration information;
and

presenting information of operational events according to a selected one of multiple configurations.

9. (Currently Amended) The method of ~~claim 8~~ claim 8, wherein said configuration log includes entries indicative of an addition, removal, or repositioning of said ~~modules~~ module, said configuration log being stored in a central controller of the device, and wherein compiling said configuration log includes storing a unique code upon each occurrence of said addition, removal, or repositioning of said ~~modules~~ module within the device.

10. (Currently Amended) The method of ~~claim 8~~ claim 9, including wherein storing the unique code includes time and date stamping of each of said unique codes.

11. (Currently Amended) The method of claim 8, wherein presenting ~~the data entries~~ information of operational events associated with the ~~given~~ selected one of multiple configuration includes rendering said integrated log into a readable form.

12. (Currently Amended) A reconfigurable modular device capable of interchangeably receiving one or more modules, said modular device comprising:

a controller that conveys data and control signals with said modules, said modules including a logging service that stores a first set of entries corresponding to service related events;

said controller including a routine that effects monitoring at least one of addition, deletion, and repositioning of the modules and generating a second set of entries in response to at least one of an addition, deletion, or repositioning of said modules; and

a log viewer that accesses said first and second sets of entries to output an integrated log displaying selected operational events according to a given configuration of said device.

13. (Currently Amended) The device of ~~claim 12~~ claim 12, wherein the modular device ~~comprises an~~ is an electrophotographic imaging machine.

14. (Currently Amended) The device of ~~claim 13~~ claim 13, wherein the ~~image~~ imaging machine includes a plurality of modules, each of which ~~including~~ include a service event monitor that monitors and transmits service related event codes to said logging service.

15. (Currently Amended) The device of ~~claim 13~~ claim 13, further ~~including~~ comprising an I/O interface that enables conveyance of the first and second sets of entries to a server remote from said imaging machine ~~whereby~~ to facility remote diagnostics.